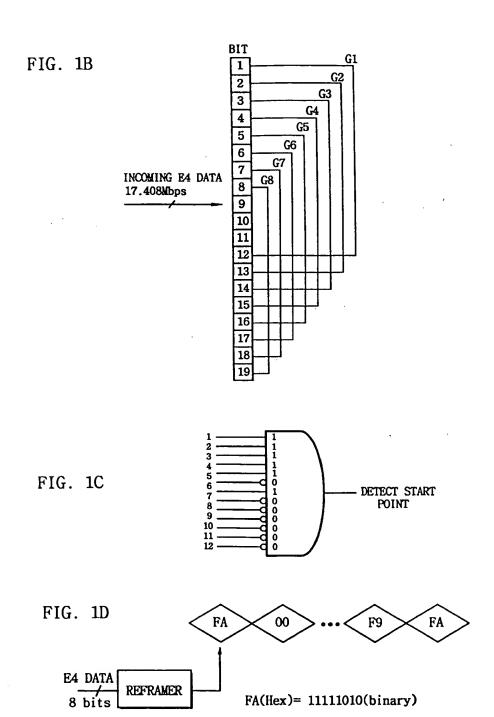
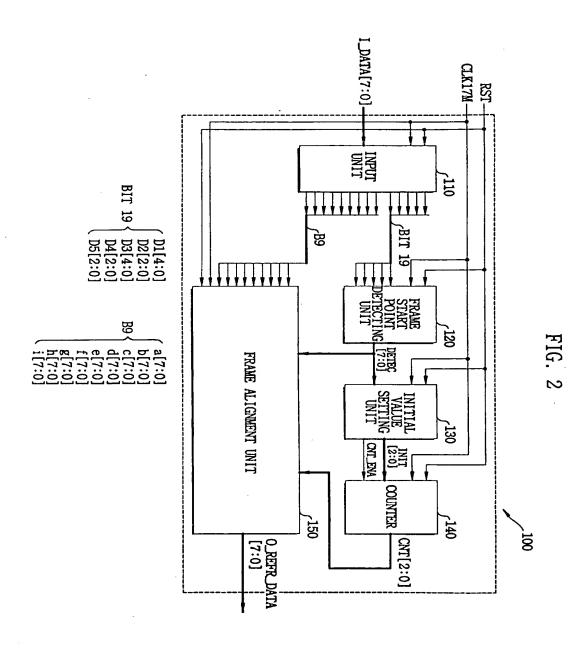


13

488 BITS

FRAME ALIGNMENT SIGNAL 111110100000 AIS Z TRIBUTARY INFORMATION C11 C21 C31 C41 TRIBUTARY INFORMATION C12 C22 C32 C43 TRIBUTARY INFORMATION C13 C31 C43 C44 TRIBUTARY INFORMATION C14 C24 C34 C44 TRIBUTARY INFORMATION	488		9	1 2 3 4 5 6 7 8 9	7	6	čn		ယ	22	-
TRIBUTARY INFORMATION TRIBUTARY INFORMATION TRIBUTARY INFORMATION TRIBUTARY INFORMATION TRIBUTARY INFORMATION	TRIBUTARY INFORMATION			<u>y</u>	လ္ဟ	1 S2	<u>ه</u>	Ω	ري ا	C25	C15
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NT SIGNAL 111110100000 AIS Z TRIBUTARY INFORMATION	NFORMATION	IBUTARY I	岩				122	2	င္မ	C ₂₂	Cz
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			100000	11110	L 1	SIGN	3		AL I	AME	3





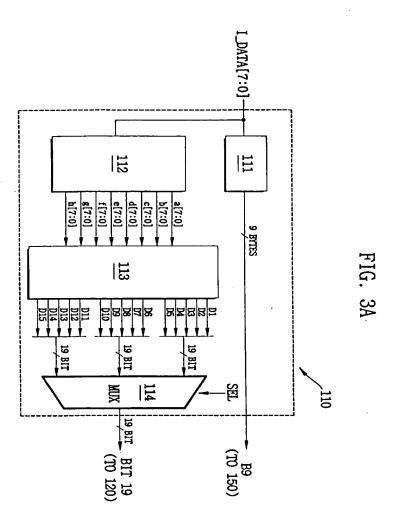


FIG. 3B

PARALLEL OUTPUT DATA (B9)	1 PERIOD	2 PERIOD	3 PERIOD
a[7:0]	11101100	00101011	10110011
b[7:0]	00110010	/	1
c[7:0]	01010101	/ ·	/ ·
d[7:0]	10101010	<i> </i>	/ · · ·
e[7:0]	00001111	<i>y</i> ·	<i>y</i>
f[7:0]	10100000	(·)	
g[7:0]	00000000 /	· /	•
h[7:0]	01100101/	. /	•
i[7:0]	00101011'	10110011	•

1G. 4

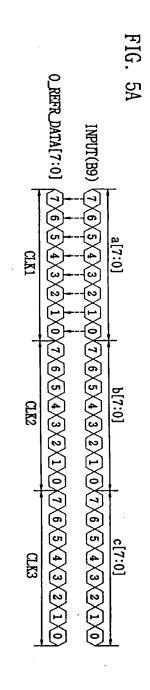
ಹಿಕ	88	හ :	3	ඩ	ୟ	61	INPUT BIT
HIGH	HIGH	H	HIGH	HIGH	HICH	HOIH	FAS DETECTION
0000001	00000100	00001000	00010000	00100000	01000000	10000000	DETEC[7:0]
111	5 15	100	011	010	82	8	INIT[2:0]
HIGH .		HIGH	HE	HIGH	HIGH	HIGH	CNT_ENA
111,	<u> </u>	5	<u>61</u>	010,	2	Ş	
8	ij,	101,	Ś	<u>2</u>	0 <u>1</u> 0,	81,	
25	₹į	110,	<u>5</u>	ĕ,	<u>011,</u>	010,	9
25,	3 §	Ħ,	110,	101,	Ģ	011,	PUT
£,	3,8	8	Ħ,	110,	101,	<u>1</u> 8	OF COUNTER
18	3,E	81,	ŝ	Ħ,	110,	101,	NIER
101,	₹£	010,	<u>8</u> 1,	ŝ	111,	110,	(140)
15,	₹ §	011,	010,	81,	8	111,	
111	101:	100	011	010	01	86 :	

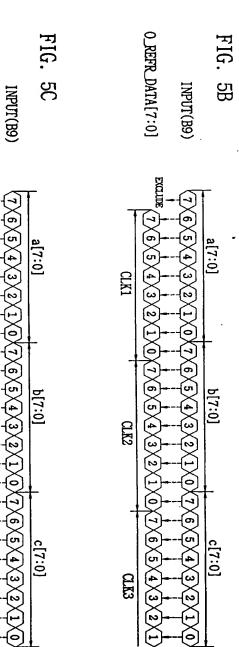
O_REFR_DATA[7:0]

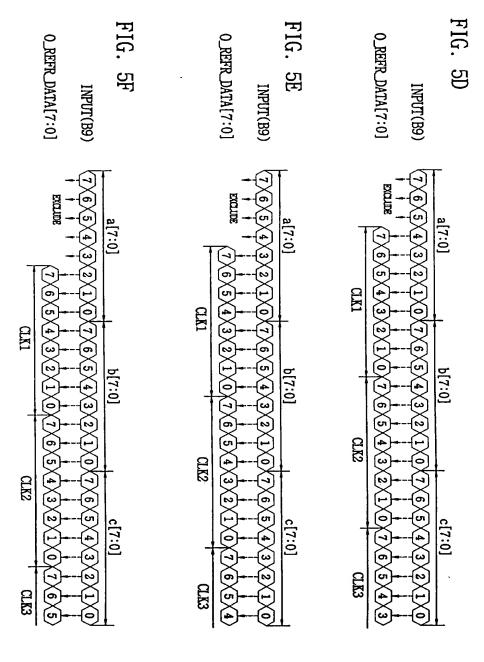
CLK1

CLK2

CLX3







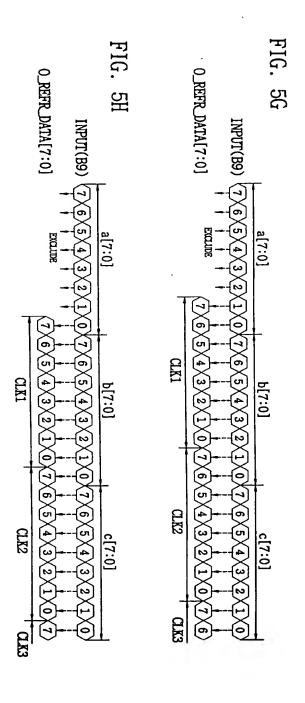
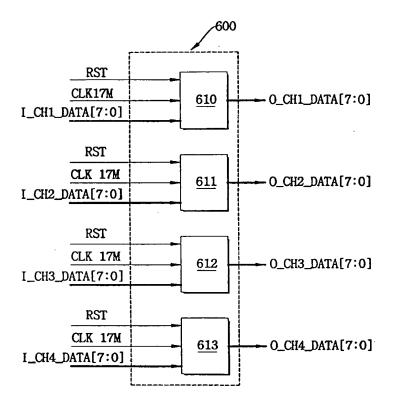
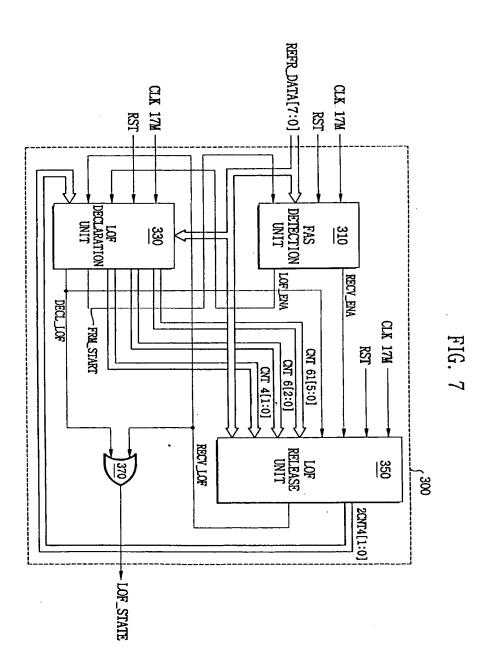
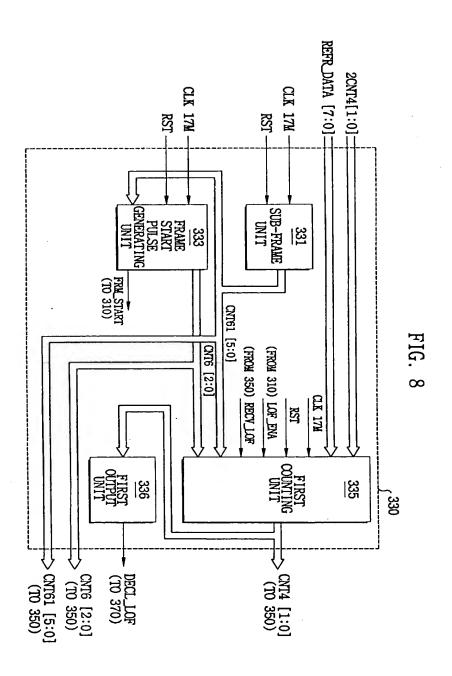
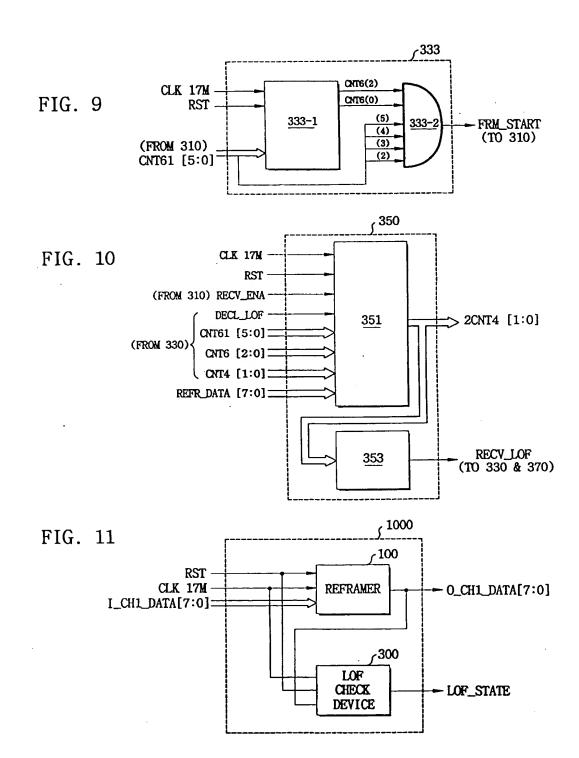


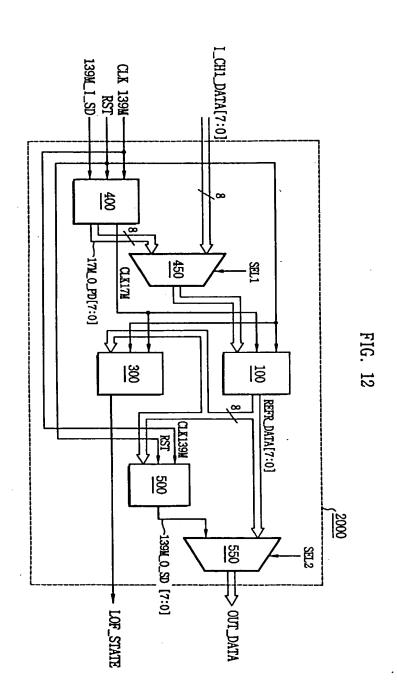
FIG. 6











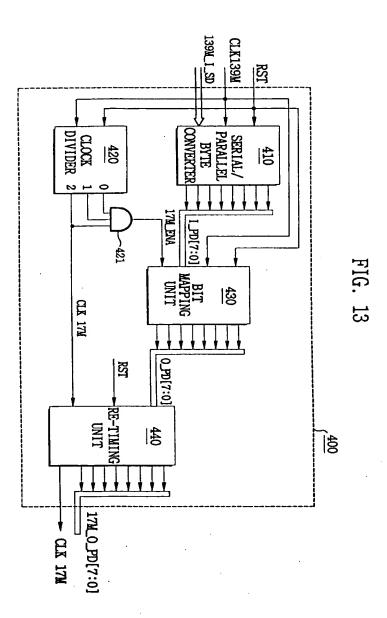


FIG. 14 (<u>500</u> 510 RST SELECTING SIGNAL GENERATING UNIT CLK139M <u>520</u> 170 17M DATA SELECTING UNIT <u>530</u> REFR_DATA[7:0] > 139M_O_SD RST RE-TIMING UNIT

CLK 139M